

For Research Use Only

# ILT-3/LILRB4 Polyclonal antibody

Catalog Number: 28422-1-AP



## Basic Information

<b>Catalog Number:</b> 28422-1-AP	<b>GenBank Accession Number:</b> BC026309	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11006	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>Full Name:</b> leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 4	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 448 aa, 49 kDa	
<b>Immunogen Catalog Number:</b> AG28928	<b>Observed MW:</b> 49 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse lung tissue, mouse heart tissue
<b>Species Specificity:</b> Human, mouse	

## Background Information

LILRB4 is an inhibitory receptor in the LILR family mainly expressed on normal and malignant human cells of myeloid origin. LILRB4 is activated and subsequently recruits adaptors to cytoplasmic immunoreceptor tyrosine inhibitory motifs to initiate different signaling cascades, thus playing an important role in physiological and pathological conditions, including autoimmune diseases, microbial infections, and cancers.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

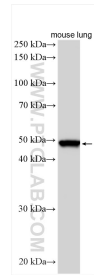
For technical support and original validation data for this product please contact:

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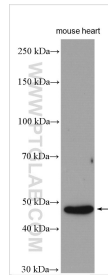
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## Selected Validation Data



Mouse lung tissue were subjected to SDS PAGE followed by western blot with 28422-1-AP (LILRB4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



mouse heart tissue were subjected to SDS PAGE followed by western blot with 28422-1-AP (LILRB4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.